



Lyle Robert Evans
Technical Consultant

MEMBER PACER GROUP

ORIGINAL

PACER TECHNICAL SERVICE, INC.

February 8, 1996

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1919 M Street, Northwest
Washington, D.C. 20554

RECEIVED

FEB 15 1996

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF SECRETARY

RE: Petition For Rule Making
FM Channel 288A
Nekoosa, Wisconsin

Dear Secretary Caton:

Transmitted herewith on behalf of my client, The Radio Company, is a signed original, with five copies, of a Petition For Rulemaking to Amend 47 C.F.R. Section 73.202(B), Table of FM Allotments.

This Petition requests Allotment of FM Channel 288A to the City of Nekoosa, Wisconsin.

Please direct this material to the Policy and Rules Division of the Mass Media Bureau for processing.

Sincerely,

Lyle R. Evans,
Technical Consultant to:
The Radio Company

LRE:MB

Enclosures: Petition For Rule Making
5 copies

No. of Copies rec'd
List ABCDE

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SIGNED
ORIGINAL

BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

RECEIVED

FEB 15 1996

IN THE MATTER OF:) MM DOCKET NO:
AMENDMENT OF SECTION 73.202(B),) RM
TABLE OF ALLOTMENTS,)
FM BROADCAST STATIONS.)
(NEKOOSA, WISCONSIN)

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF SECRETARY

TO: CHIEF, ALLOCATIONS BRANCH,
POLICY AND RULES DIVISION,
MASS MEDIA BUREAU

DOCKET FILE COPY ORIGINAL

PETITION FOR RULE MAKING

Lyle Robert Evans d/b/a as The Radio Company
hereby Petitions the Federal Communications Commission in
Washington, D.C., to amend Table of FM Allotments, Section
73.202(b) of the Commission's Rules and Regulations in the
following manner:

<u>Community:</u>	<u>Existing:</u>	<u>Proposed:</u>
Nekoosa, WI	Ch. 229A	Ch. 229A
	-- ----	Ch. 288A

In support of this PETITION FOR RULE MAKING to
allot FM Channel 288A to Nekoosa, Wisconsin, The Radio
Company, the Petitioner, respectfully submits the
Engineering Statement prepared by Lyle Robert Evans,
Technical Consultant, attached hereto as Appendix 1.

Inasmuch as Nekoosa, Wisconsin, residents shall

be provided a second local FM service, The Radio Company, the Petitioner, concludes its Proposed Rule Making in the Public Interest.

The FM Channel 288A allotment petitioned by The Radio Company shall provide residents of Nekoosa, Wisconsin, and vicinity, an additional outlet for local self expression adding to area program diversity; truly in the public interest, convenience and necessity.

Nekoosa, Wisconsin (population 2,557), in Wood County (population 73,605), per the 1990 Census, is an incorporated city.

The allotment of FM Channel 288A (105.5 MHz.) to the City of Nekoosa, Wisconsin, is full accord with the Commission's Rules and Regulations, and Assignment policy.

If the Commission goes forward to Amend 47 Code of Federal Regulations §73.202(b), to allot FM Channel 288A to Nekoosa, Wisconsin, as Petitioned, The Radio Company shall immediately file an Application For Construction Permit For Commercial Broadcast Station (FCC Form 301), to activate FM Channel 255A, as allotted at Nekoosa.

Upon Commission "Grant" of such a Form 301 Application, The Radio Company shall promptly construct and subsequently license the permitted facility.

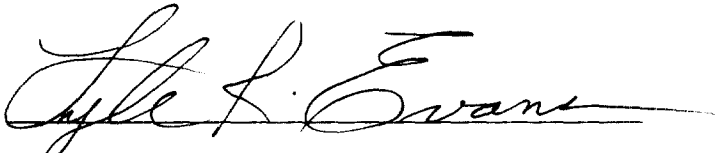
In accord with 47 Code of Federal Regulations §1.52, I, Lyle Robert Evans d/b/a The Radio Company, hereby

certify I have read this entire document, that to the best of my knowledge, information and belief it is true and correct, that there is good ground to support it, and that it is not interposed for delay.

Respectfully submitted,

THE RADIO COMPANY

February 8, 1996

A handwritten signature in cursive script, reading "Lyle R. Evans", with a long horizontal flourish extending to the right.

Lyle Robert Evans,
Petitioner

Lyle Robert Evans d/b/a
The Radio Company
1296 Marian Lane
Green Bay, Wisconsin 54304
(414) 494-6310

RULE MAKING PETITION; CONCLUDED

BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

IN THE MATTER OF:) MM DOCKET NO:
AMENDMENT OF SECTION 73.202(B),) RM
TABLE OF ALLOTMENTS,)
FM BROADCAST STATIONS.)
(NEKOOSA, WISCONSIN)
TO: CHIEF, ALLOCATIONS BRANCH,
POLICY AND RULES DIVISION,
MASS MEDIA BUREAU

ENGINEERING STATEMENT

This Engineering Statement concerns the above captioned Petition For Rule Making, to which this Statement is Appendix 1.

The Radio Company, the Petitioner, retained the services of Lyle Robert Evans, Technical Consultant, to conduct engineering studies and prepare necessary Statements and Attachments to support the Petition For Rule Making of The Radio Company to amend 47 Code of Federal Regulations §73.202(b), Table of FM Allotments, to allot FM Channel 288A to the City of Nekoosa, Wisconsin, as that community's second FM Broadcast transmission service.

The Nekoosa, Wisconsin, reference Geographic Coordinates, specified in the National Atlas of the United States of America, published by the United States Department of the Interior Geological Survey, are: 44°-18'-54"

NEKOOSA, WISCONSIN
PROPOSED RULE MAKING
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF FM ALLOTMENTS
FM CHANNEL 288A; 105.5 MHZ.
PETITIONER: THE RADIO COMPANY

North Latitude, 89°-54'-12" West Longitude.

Attachment E-A to this Engineering Statement, an FM Channel 288A Distance Separation Study, with the City of Nekoosa reference coordinates as base, sets forth all FM Broadcast Station assignments, applications and allotments, relating to an allotment of FM Channel 288A at Nekoosa, with distance in kilometers and bearing in degrees True from the city reference coordinates.

Attachment E-A displays a "Short-Spacing" to licensed FM Broadcast Station WAPL, Appleton, Wisconsin, operating on Channel 289C; FCC File Number: BLH-880408KB, and to licensed FM Broadcast Station WRLO-FM, Antigo, Wisconsin, operating on Channel 287C1; FCC File Number: BLH-851030KB.

To allot FM Channel 288A to Nekoosa, Wisconsin, it is necessary to restrict the allotment location 11.96 kilometers (7.34 miles) distant, at a bearing of 270.00 degrees True from the city reference coordinates, to geographic coordinates 44°-18'-54" North Latitude, 90°-03'-12" West Longitude.

Attachment "E-B" to this Statement, an FM Channel 288A Distance Separation Study with the Nekoosa, Wisconsin,

NEKOOSA, WISCONSIN
PROPOSED RULE MAKING
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF FM ALLOTMENTS
FM CHANNEL 288A; 105.5 MHZ.
PETITIONER: THE RADIO COMPANY

specified restricted allotment coordinates as base, displays the allotment of FM Channel 288A to Nekoosa, Wisconsin, in complete compliance with all applicable minimum distance separation requirements set forth in 47 Code of Federal Regulations, §73.207.

The most distant point on the Nekoosa, Wisconsin, Corporate Boundary ("City-Limits") from the FM Channel 288A proposed restricted allotment coordinates was located on United States Geological Survey 7.5 Minute Series (Topographic) Map, titled: Nekoosa Quadrangle, Wisconsin-Wood County (dated 1984).

The geographic coordinates of this point determined as: 44°-17'-57" North Latitude, 87°-53'-19" West Longitude, and distance and bearing from the Nekoosa Wisconsin, Channel 288A restricted allotment coordinates calculated to be 13.25 kilometers (8.24 miles) at 97.6 degrees True.

The F(50,50) 70.0 dBu (3.16 mV/m) predicted "Principal Community Contour" of a typical Class A FM Broadcast Station radiating 6.00 kilowatts from an antenna radiation center height of 100.0 meters extends a distance of 16.5 kilometers (10.25 miles).

NEKOOSA, WISCONSIN
PROPOSED RULE MAKING
AMENDMENT OF 47 C.F.R. §73.212(b); TABLE OF FM ALLOTMENTS
FM CHANNEL 288A; 105.5 MHZ.
PETITIONER: THE RADIO COMPANY

Several transmitter sites exist from which the requisite "Principal Community" coverage can be provided to the entire City of Nekoosa, Wisconsin.

CONCLUSION

Allotment of FM Channel 288A to Nekoosa, Wisconsin, can be accomplished with no channel substitutions.

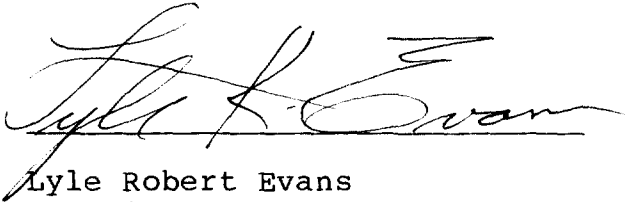
No multiple community "tinkering with the table" is required to allot FM Channel 288A at Nekoosa, Wisconsin.

The Radio Company's proposed Amendment of 47 Code of Federal Regulations §73.202(b), Table of FM Allotments, shall provide residents of Nekoosa, Wisconsin, and vicinity, a second local FM Broadcast transmission service.

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NEKOOSA, WISCONSIN
PROPOSED RULE MAKING
AMENDMENT OF 47 C.F.R. §73.202(b); TABLE OF FM ALLOTMENTS
FM CHANNEL 288A; 105.5 MHZ.
PETITIONER: THE RADIO COMPANY

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Lyle R. Evans", written over a horizontal line.

Lyle Robert Evans
Technical Consultant to:
The Radio Company

February 8, 1996

Lyle Robert Evans
Technical Consultant
Pacer Technical Service, Inc.
1750 Freedom Road
Little Chute, Wisconsin 54140
(414) 687-0722

ENGINEERING STATEMENT; CONCLUDED

CHANNEL 288A DISTANCE SEPARATION STUDY

LOCATION: NEKOOSA, WISCONSIN
 SERVICE: COMMERCIAL FM
 CHANNEL: 288
 FREQUENCY: 105.5 MHZ.
 ZONE: II
 CLASS: A
 COORDINATES: 44°-18'-54" N.L., 89°-54'-12" W.L. (CITY REFERENCE COORDINATES)
 PETITIONER: THE RADIO COMPANY
 DATE: FEBRUARY 7, 1995 96

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP(KW) EAH(MT)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WKQH CP	MARATHON WI	BPH-931215JD	285C3 104.9	25.00 100.00	44-21-32 87-57-35	12.0	58.31 16.31	42.0 CLEAR
WYZM APP	WAUNAKEE WI	BLH-920427KD	286A 105.1	6.00 74.00	43-13-20 89-18-01	158.2	130.73 99.73	31.0 CLEAR
WRLO-FM LIC	ANTIGO WI	BLH-851030KB	287C1 105.3	100.00 164.00	45-22-04 89-08-20	27.0	131.68 -1.32	133.0 SHORT
WFCW LIC	CHIPPEWA FALLS WI	BLH-4216	288A 105.5	3.00 91.00	44-52-18 91-17-11	300.0	126.04 11.04	115.0 CLEAR
WKBH-FM LIC	TREMPEALEAU WI	BLH-951120KH	288A 105.5	2.10 162.00	43-56-33 91-26-03	251.8	129.32 14.32	115.0 CLEAR
WAPL-FM LIC	APPLETON WI	BLH-880408KB	289C 105.7	100.00 358.00	44-21-32 87-59-07	87.5	153.05 -11.95	165.0 SHORT
WFCW CP	CHIPPEWA FALLS WI	BPH-941208IF	289C3 105.7	25.00 93.00	44-52-18 90-27-28	262.8	126.04 37.04	89.0 CLEAR
WMJB LIC	EVANSVILLE WI	BLH-890817KE	290A 105.9	1.40 147.00	42-43-38 89-15-02	163.4	184.08 153.08	31.0 CLEAR
WDKM LIC	ADAMS WI	BLH-931020KB	291A 106.1	6.00 100.00	43-57-29 89-49-43	171.4	40.11 9.11	31.0 CLEAR

===== END FM CHANNEL 288A DISTANCE SEPARATION STUDY =====

ENGINEERING STATEMENT, ATTACHMENT E-A; CONCLUDED

CHANNEL 288A DISTANCE SEPARATION STUDY

LOCATION: NEKOOSA, WISCONSIN
 SERVICE: COMMERCIAL FM
 CHANNEL: 288
 FREQUENCY: 105.5 MHZ.
 ZONE: II
 CLASS: A
 COORDINATES: 44°-18'-54" N.L., 90°-03'-12" W.L. (RESTRICTED COORDINATES)
 PETITIONER: THE RADIO COMPANY
 DATE: FEBRUARY 7, 1995 96

CALL STATUS	CITY STATE	FCC FILE	CHAN. FREQ.	ERP(KW) EAH(MT)	LATITUDE LONGITUDE	BEAR. (DEG.)	DIST. (KM.)	REQ. (KM.)
WKQH CP	MARATHON WI	BPH-931215JD	285C3 104.9	25.00 100.00	44-21-32 87-57-35	22.8	61.92 19.92	42.0 CLEAR
WYZM APP	WAUNAKEE WI	BLH-920427KD	286A 105.1	6.00 74.00	43-13-20 89-18-01	153.3	135.71 104.71	31.0 CLEAR
WRLO-FM LIC	ANTIGO WI	BLH-851030KB	287C1 105.3	100.00 164.00	45-22-04 89-08-20	31.3	137.53 4.53	133.0 CLEAR
WFCW LIC	CHIPPEWA FALLS WI	BLH-4216	288A 105.5	3.00 91.00	44-52-18 91-17-11	302.8	115.81 0.81	115.0 CLEAR
WKBH-FM LIC	TREMPEALEAU WI	BLH-951120KH	288A 105.5	2.10 162.00	43-56-33 91-26-03	249.9	118.01 3.01	115.0 CLEAR
WAPL-FM LIC	APPLETON WI	BLH-880408KB	289C 105.7	100.00 358.00	44-21-32 87-59-07	87.6	165.01 0.01	165.0 CLEAR
WFCW CP	CHIPPEWA FALLS WI	BPH-941208IF	289C3 105.7	25.00 93.00	44-52-18 90-27-28	262.8	115.81 26.81	89.0 CLEAR
WMJB LIC	EVANSVILLE WI	BLH-890817KE	290A 105.9	1.40 147.00	42-43-38 89-15-02	159.6	187.97 156.97	31.0 CLEAR
WDKM LIC	ADAMS WI	BLH-931020KB	291A 106.1	6.00 100.00	43-57-29 89-49-43	155.6	43.55 12.55	31.0 CLEAR

===== END FM CHANNEL 288A DISTANCE SEPARATION STUDY =====

ENGINEERING STATEMENT, ATTACHMENT E-B; CONCLUDED